

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013621.D
 Acq On : 14 Nov 2019 13:43
 Operator : SY/MD
 Sample : K5815-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:44:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339348	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346452	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	145607	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112373	5.16	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	92220	5.31	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.12	63	142749	3.83	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.97	46	238507	61.10	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.20%
24) Chloroform-d	4.39	84	229032	6.12	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.40%
26) 1,2-Dichloroethane-d4	5.07	65	118115	6.48	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.60%
32) Benzene-d6	5.09	84	428686	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.11	67	135093	4.72	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.35	98	347212	4.10	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.66	79	45489	4.27	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	173056	40.72	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85556	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	141557	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

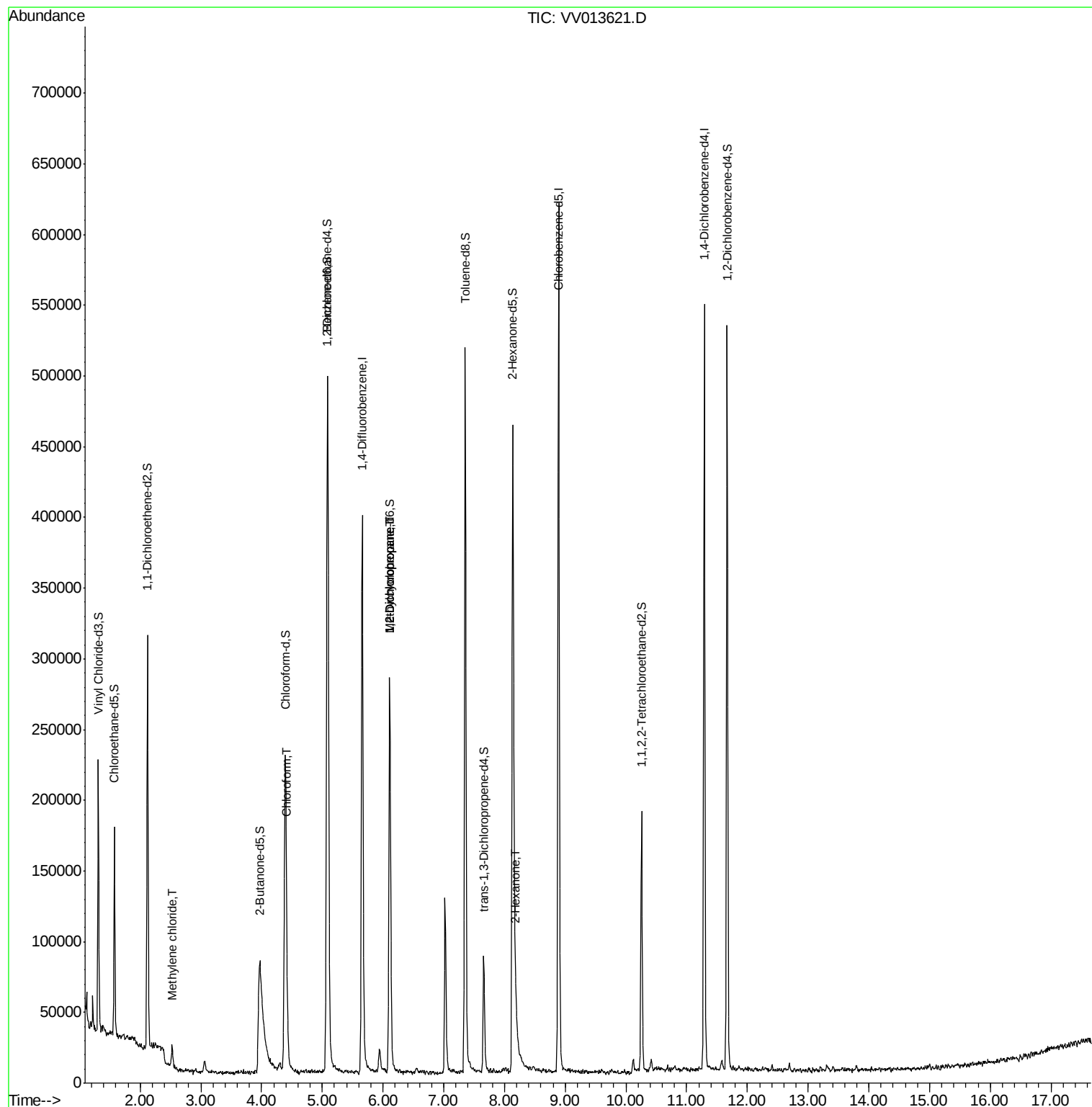
					Ovalue
16) Methylene chloride	2.53	84	5682	0.265 ug/L	82
25) Chloroform	4.42	83	24811	0.525 ug/L	90
35) Methylcyclohexane	6.11	83	32858	0.796 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	15176	0.581 ug/L #	99
48) 2-Hexanone	8.19	43	20609	2.004 ug/L #	80

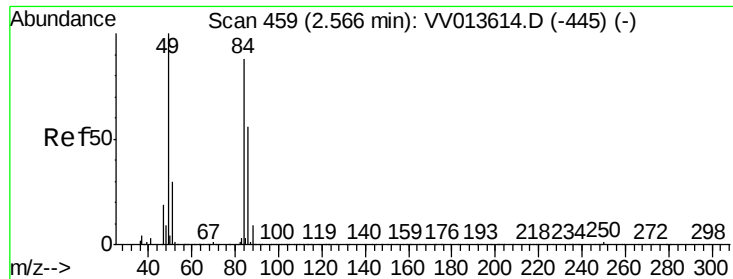
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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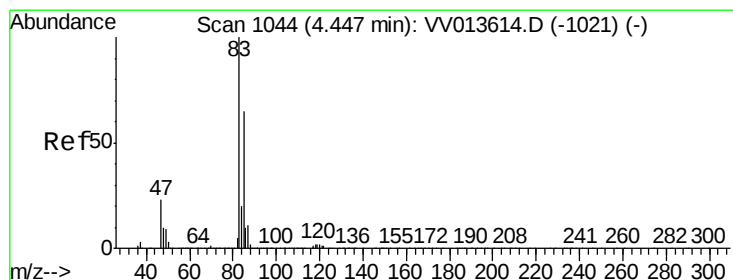
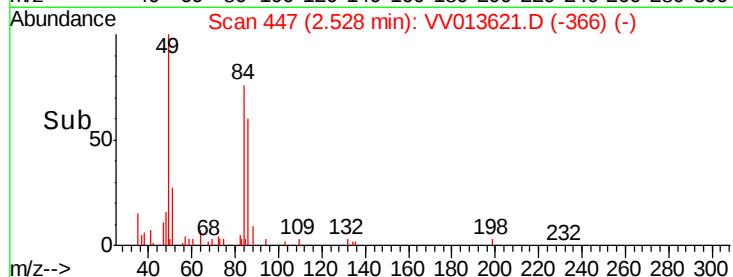
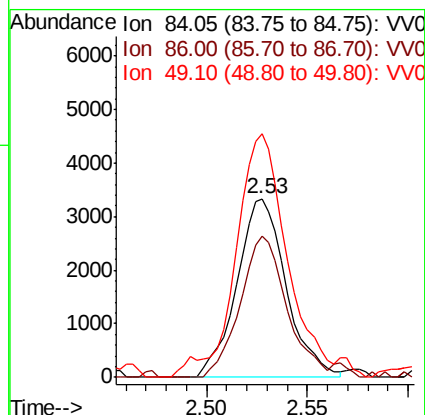
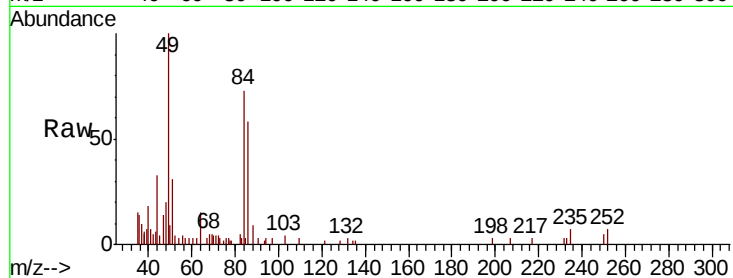




#16
Methvlene chloride
Concen: 0.265 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.04 min
Lab File: VV013621.D
Acq: 14 Nov 2019 13:43

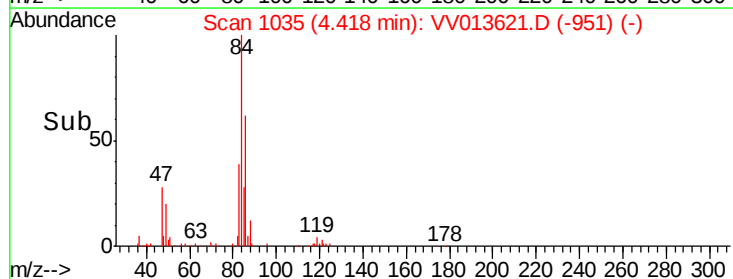
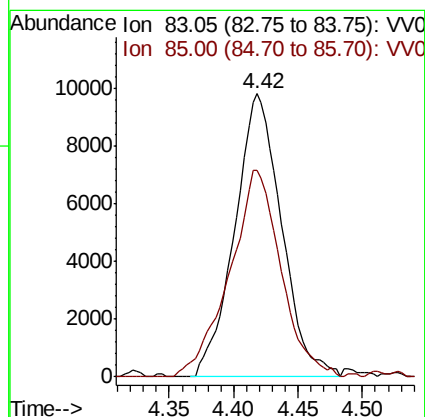
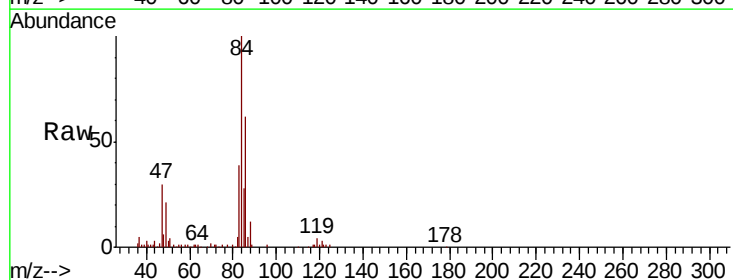
Instrument :
MSVOA_V
ClientSampleId :

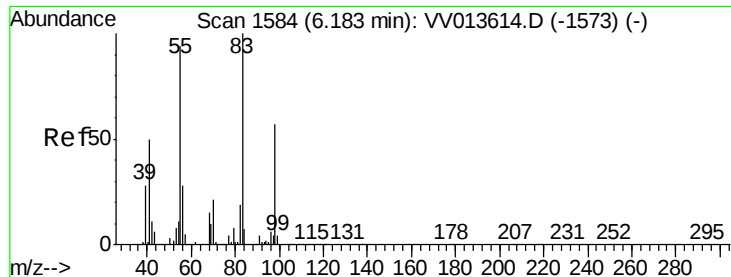
Tot Ion: 84 Resp: 5682
Ion Ratio Lower Upper
84 100
86 78.9 45.1 83.9
49 136.4 81.4 151.2



#25
Chloroform
Concen: 0.525 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.03 min
Lab File: VV013621.D
Acq: 14 Nov 2019 13:43

Tgt Ion: 83 Resp: 24811
Ion Ratio Lower Upper
83 100
85 73.0 45.5 84.5

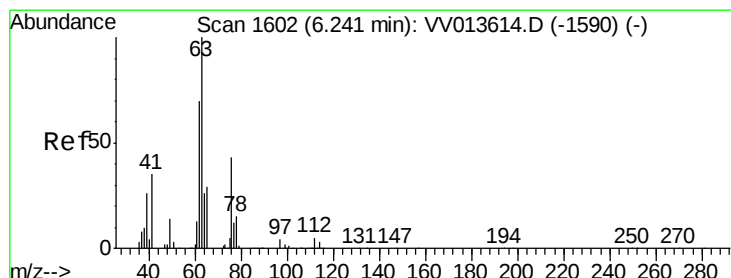
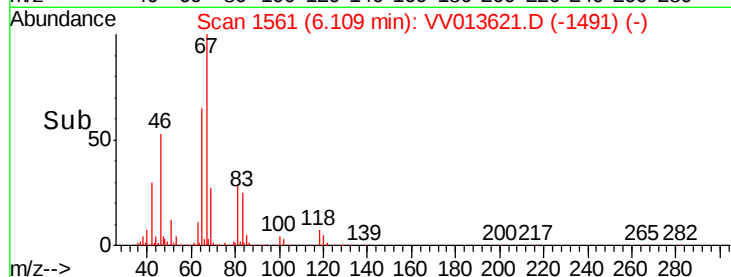
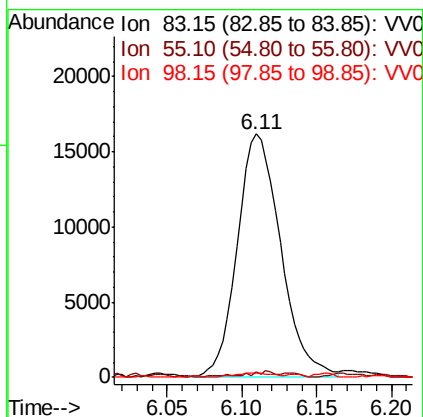
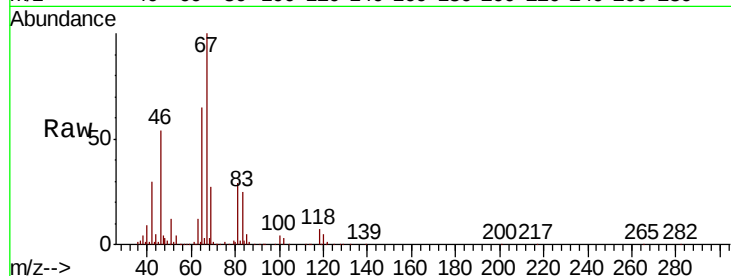




#35
Methvlcvclohexane
Concen: 0.796 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.07 min
Lab File: VV013621.D
Acq: 14 Nov 2019 13:43

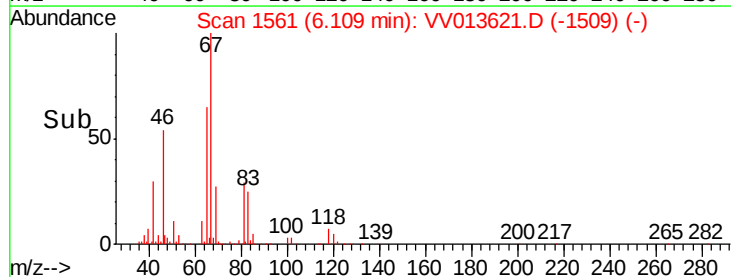
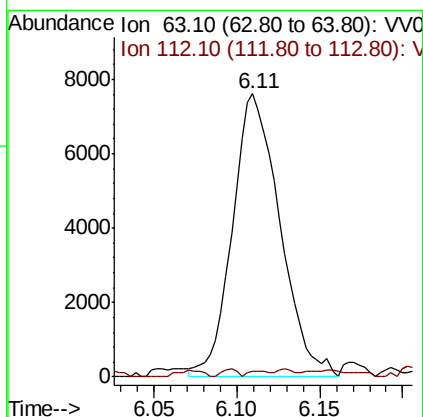
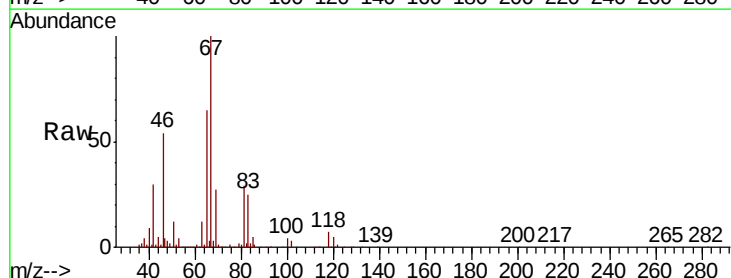
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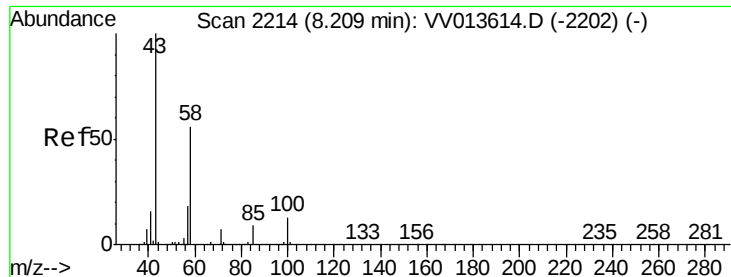
Tot Ion: 83 Resp: 32858
Ion Ratio Lower Upper
83 100
55 1.3 67.0 100.4#
98 1.7 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.13 min
Lab File: VV013621.D
Acq: 14 Nov 2019 13:43

Tgt Ion: 63 Resp: 15176
Ion Ratio Lower Upper
63 100
112 0.9 0.2 0.2#





#48

2-Hexanone

Concen: 2.004 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.02 min

Lab File: VV013621.D

Acq: 14 Nov 2019 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 20609

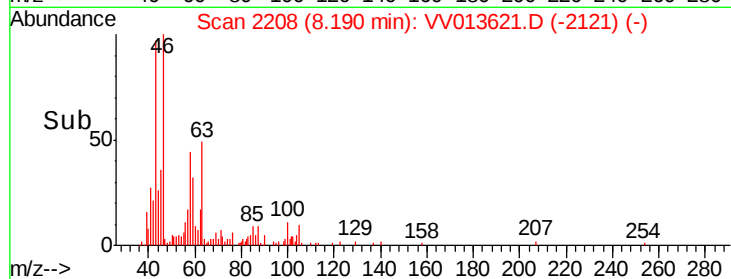
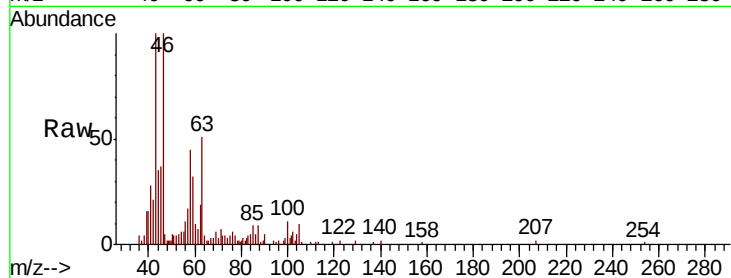
Ion Ratio Lower Upper

43 100

58 35.5 45.1 67.7#

57 18.0 14.6 21.8

100 9.6 10.2 15.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

